

Engineering Services

Atlantic Avenue Widening Project

Roadway Design & Construction
AECOM



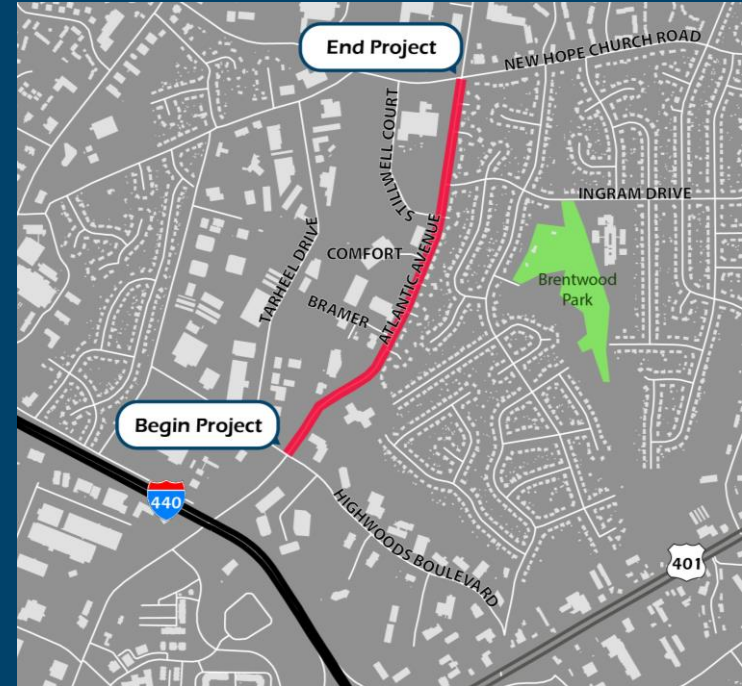
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Project Location

- Atlantic Avenue
- From Highwoods Boulevard to New Hope Church Road





Existing Conditions

- Existing four lane undivided roadway with curb and gutter
- Sidewalk on east side





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Project Purpose

- Improve safety
- Improve mobility and connectivity for pedestrian, bicycle, and vehicular traffic

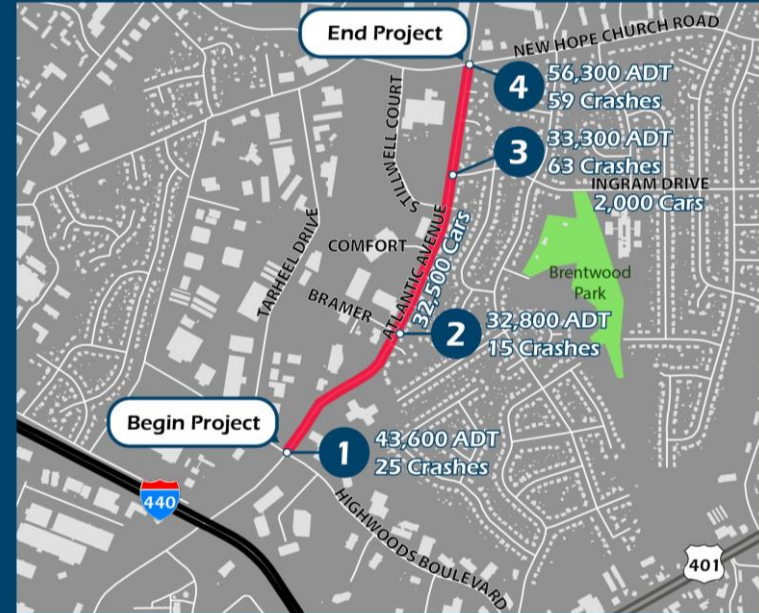




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Safety

- Installing a non-traversable median on an undivided roadway reduces crashes by 21 to 53 percent.¹
- Raised medians are associated with a 45 percent reduction in pedestrian crashes and 78 percent reduction in pedestrian fatalities.¹
- Making a U-turn at a median opening to get to the opposite side of a busy roadway is approximately 25 percent safer than a direct left turn from a side street or other access point.¹



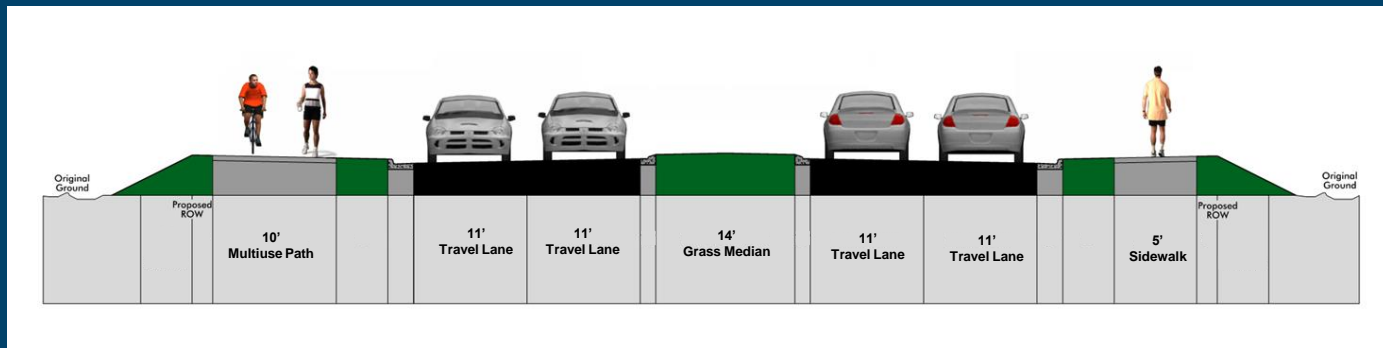
1	Wolfpack Ln	3	Ingram Dr
2	Bramer Dr	4	New Hope Church Rd

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1. https://safety.fhwa.dot.gov/intersection/other_topics/corridor/cam_tech/sa1500505.cfm

Proposed Design

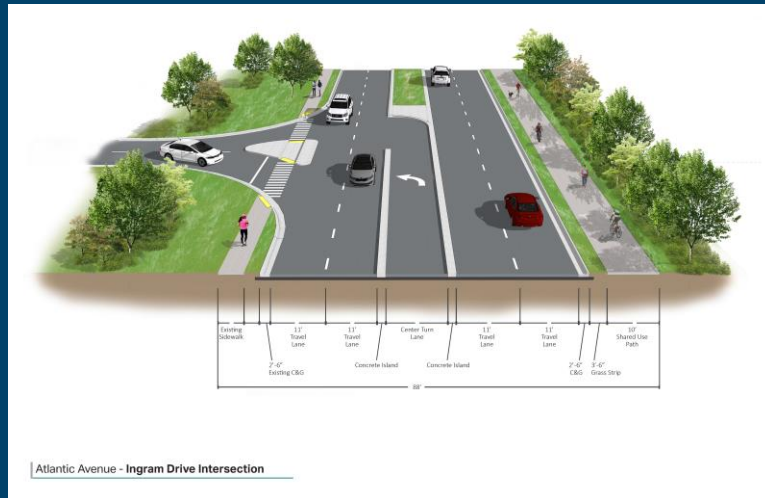
- Four 11' travel lanes with a 17' median
- Curb and gutter
- 10' Multiuse Path (West Side)
- 5' Sidewalk (East Side)



Design Elements

Vegetated Median with Left Turn Lanes

- Improve safety
- Improve mobility for vehicular traffic





Design Elements

Signal Enhancements

- Modifications at
 - New Hope Church Road
 - Highwoods Boulevard
- Proposed signal at Bramer Drive



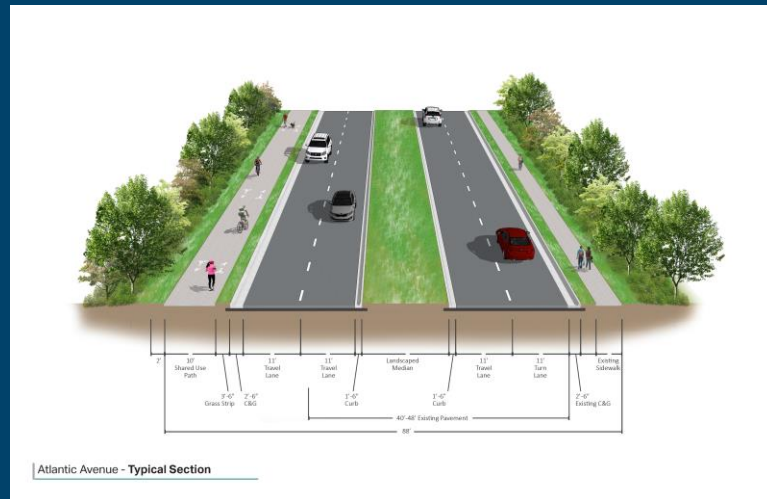


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Design Elements

Multituse Path and Sidewalks

- Expand active transportation options
 - Accommodations along both sides of roadway
 - Separation of bicyclist and motorist traffic





Design Elements

Additional Project Amenities

- Landscaping
- Stormwater improvements
- Future transit accommodations





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Public Engagement

- Concept Design Meeting – Completed 4/10/19
- Preliminary Design Meeting (25%) – Today
- Advanced Design Meeting (65%) – Summer 2020
- City Council Presentation – Fall 2020

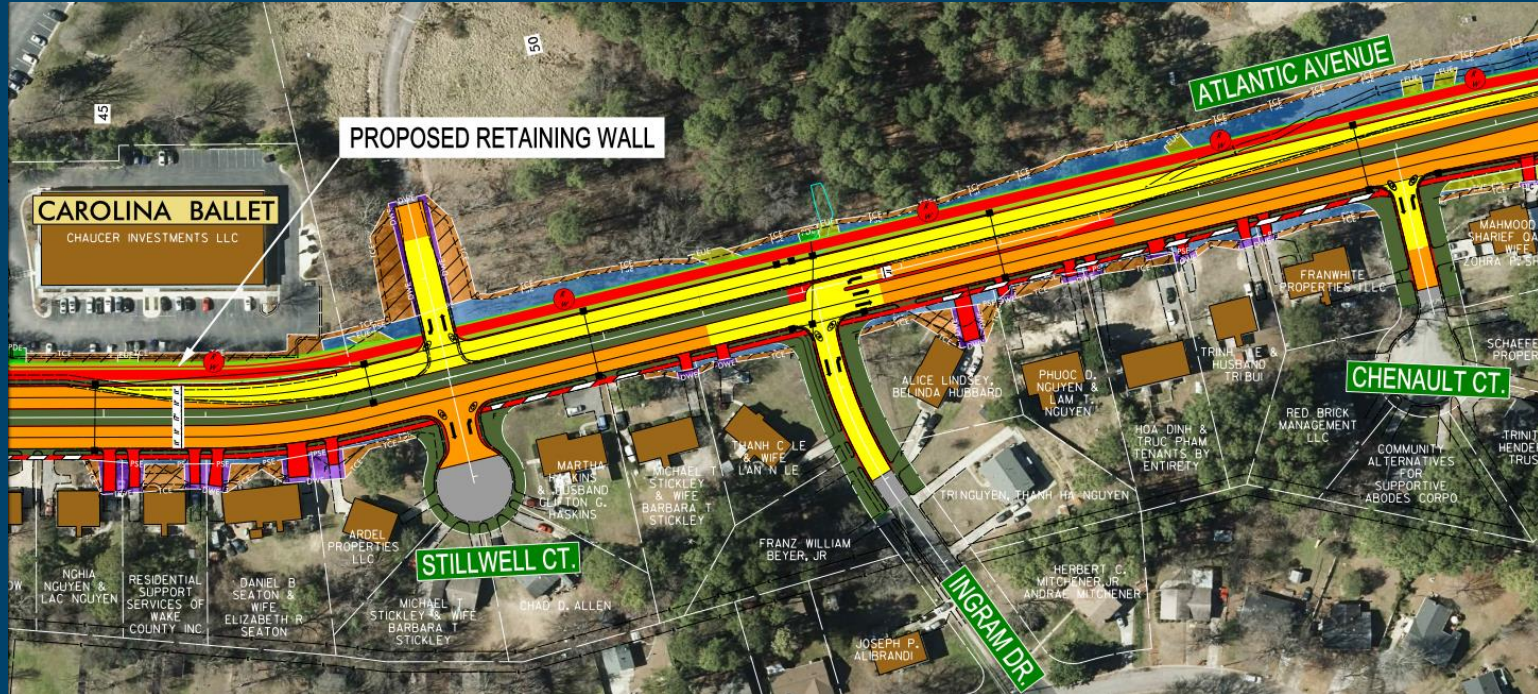


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Received Public Comments

Comment	Recommendation
Multi use path lacks connectivity.	Future plans are being considered to extend the trail under I-440 to downtown.
Business owners are concerned about impacts.	City is coordinating with business owners throughout the project duration.
Residents are concerned wider lanes will increase travel speeds.	Proposed typical section brings lanes up to acceptable standards.
Neighborhood would prefer full access intersection at Ingram Drive.	Adding protected left turn lane onto Ingram Drive. Pursuing offsite improvements to improve traffic flow.

Atlantic Avenue and Ingram Drive





Ingram Drive Alternative Route

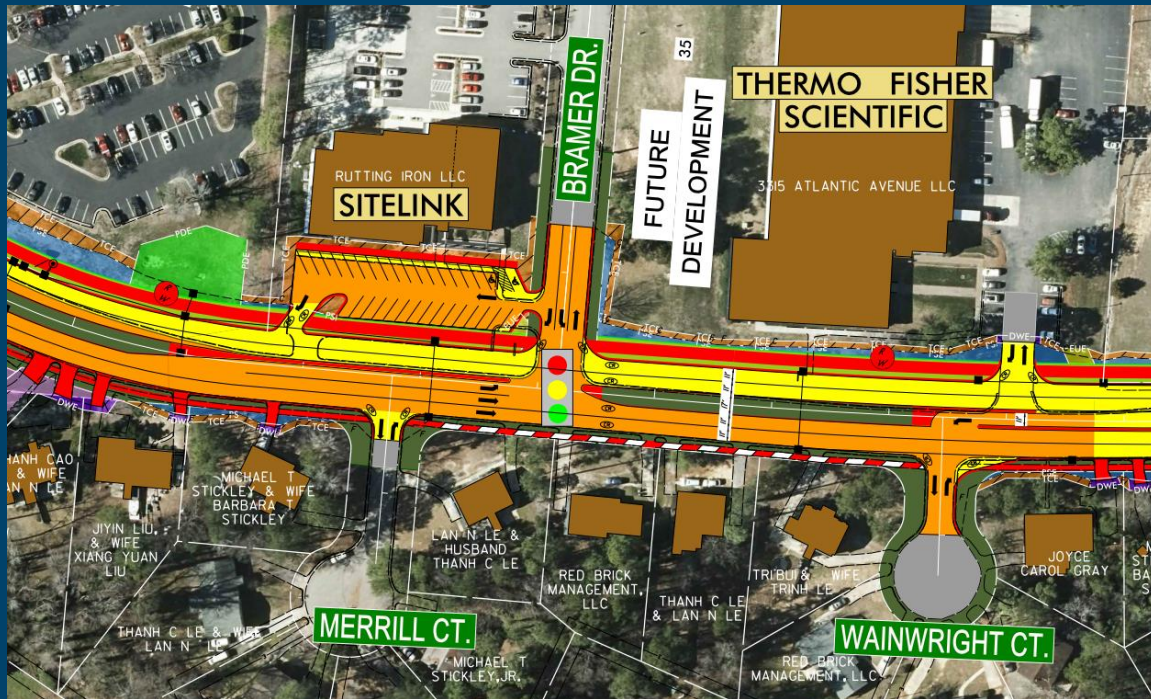
- Cars will use Brentwood Road to New Hope Church Road
 - Approximately 230 cars per day
- Traffic calming project under review on Brentwood Road





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Atlantic Avenue and Bramer Drive





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Project Cost

- \$11.6 Million
 - Construction
 - Right-of-way acquisition
 - Landscaping
 - Engineering design services
 - Utility relocation



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Project Schedule

Date	Description
Summer 2020	Design Plan Public Meeting
Fall 2020	City Council Project Presentation
Summer 2021	Complete Right of Way and Easement Acquisition
Fall 2021	Advertise for Construction Bids
Winter 2021	Award Construction Contract
Spring 2023	Project Complete

We want to know what you think.

Please take a moment to take the online survey
([https:// publicinput.com/4144](https://publicinput.com/4144))

by November 22

or fill out a comment form tonight.



Questions?

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